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logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  MKRNKLFALAGITLLSASFLVACGSNSNSNSETSTTYSYVYTEDPTSLDYITFNRAQVSDIVTNMVDGLLENDKYGNLIP   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1      MKKSKWLALAGVALLSVGALAACSSKSST...SGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVP   77
NTDB id 324 STU RS16140 WP 011226306.1         MKKSKWLALAGVALLGVGVLAACSSKSNT...SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVP   77
NTDB id 292 STER RS06940 WP 011681419.1        MKKSKWLALAGVALLGVGVLAACSSKSNT...SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVP   77
consensus                                      !!**!**!!!!**!! ***!*!!*!*!**   **!!!*!!!**!!**!!!!!*!*******!!!*!!!!*!*!!!!!!*!

logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  SLAEDWKVSKDGLTYTYTLREGVKWYTAEGEEYADVTANDFVTAIKHAVDTQSEGLYIIQDSIAGLDDYVNGKTSDFETV  160
NTDB id 475 HSISS4 RS07005 WP 021143809.1      SVAEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNV  157
NTDB id 324 STU RS16140 WP 011226306.1         SVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNV  157
NTDB id 292 STER RS06940 WP 011681419.1        SVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNV  157
consensus                                      !*!!!!*!!*!!!!!!!**!*!*!!!!**!!!!! !!!*!!!!**!!!*!******!**!!!!!!!*!!**!***!!**!

logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  GVKALDDRTVQYTLSHPEPYWNSKLTMSIMLPVNAEFLESKGEDFGKV.EPGGILYNGAYFISAMTSKSSLEYTKNENYW  239
NTDB id 475 HSISS4 RS07005 WP 021143809.1      GVKAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYW  237
NTDB id 324 STU RS16140 WP 011226306.1         GVKAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYW  237
NTDB id 292 STER RS06940 WP 011681419.1        GVKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYW  237
consensus                                      !!!!*!**!*!!!!**!!!!!!!!*!*****!!!**!!**!!*!!!!***!**!!!!!*******!*!!!*!* !!!*!!

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NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  DADNVKIENVKLTYYDGQDPESLVRGFTDGIYSNARVYPNSSSYSSVKEQYAENITYSLQDATVYFTTLNLNRSNYGHTA  319
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DKKNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSA  317
NTDB id 324 STU RS16140 WP 011226306.1         DKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTA  317
NTDB id 292 STER RS06940 WP 011681419.1        DKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTA  317
consensus                                      !**!!*****! *!!!!*!***!*!!!!!!*! *!!!*!*!!*! !!***!**!!*!****!*******!**!**!***!

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NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  KTTDVQKESARKALLNKDFRQAITFSFNRQDYLAQSVGEDAADKPLRNLMVPPTFVSAGKKSFGDLVSEKVISYGDEWAD  399
NTDB id 475 HSISS4 RS07005 WP 021143809.1      KKTDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
NTDB id 324 STU RS16140 WP 011226306.1         KKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
NTDB id 292 STER RS06940 WP 011681419.1        KKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
consensus                                      !*!!**!*!**!!!!!!!!!!!!*!*!***!**!**!**!*!*!****!!!*!!**!!!!!*!*!!!!!*!!**!!!!!!**

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NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  VDFSDAQNGLYNVDKAKVEFEKAKQTLSAEGVEFPIHLDMPVNQSSEVSTQQAASLKQSVEAALGTENIVIDLQMMDTDT  479
NTDB id 475 HSISS4 RS07005 WP 021143809.1      VNFTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDD  477
NTDB id 324 STU RS16140 WP 011226306.1         VNFADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDD  477
NTDB id 292 STER RS06940 WP 011681419.1        VNLADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDD  477
consensus                                      !****!*!*!!!!**!!!!*!!*!!!!* !*!*!!*!!!!!!!*!! !!!*****!**!!!!!**!**!!**!*!!!******!*
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logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  FTNAAFYTETPDQNDYDITY.SGWGPDYQDPSTYLDILETTSGAMT.SKLGIDSSTTDVIKTVGLDKYDALLKEASDEKL   557
NTDB id 475 HSISS4 RS07005 WP 021143809.1      IQNATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETT   557
NTDB id 324 STU RS16140 WP 011226306.1         LENVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETS   557
NTDB id 292 STER RS06940 WP 011681419.1        LENATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETS   557
consensus                                      **!***********!*!!*****!*!!!!!!!!!!!!**!!!***!****!*!*********!!!**!!!!!**!**!**

logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  DVVKRYEKYAEAQAWLTDSAIVIPYMS.LGGTPSVSKVIPYTASVSDIGIKGG.VSFYKYREVGTEVNKAEDVYAKREKW   635
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKW   636
NTDB id 324 STU RS16140 WP 011226306.1         DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW   637
NTDB id 292 STER RS06940 WP 011681419.1        DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW   637
consensus                                      !***!!**!!*!!!!!*!!**!!!*****!**!**!***!*!******!*!*******!!******!*********!!!!

logo
NTDB id 1059279 ACFKHK RS08700 WP 392461871.1  LKEKAESNAKAQEKLANHVE   655
NTDB id 475 HSISS4 RS07005 WP 021143809.1      LKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1         LKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1        LKEKKESNEKAQKDLEKHVK   657
consensus                                      !!!!**!!*!!!**!**!!*
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X non conserved
X similar
X ≥ 50% conserved